

§ 160.151-37 Servicing manual.

(a) The servicing manual must provide instructions on performing the following tasks:

(1) Removing the inflatable liferaft from the container for testing without damaging the liferaft or its contents.

(2) Examining the liferaft and its container for damage and wear including deteriorated structural joints and seams.

(3) Determining the need for repairs.

(4) Performing each repair which can be made by a servicing facility.

(5) Identifying repairs that the manufacturer must perform.

(6) Determining when liferaft equipment must be replaced.

(7) Conducting tests required by § 160.151-57.

(8) Repacking the liferaft.

(9) Changing the maximum height of stowage of the liferaft by changing the length of the painter.

(10) Special equipment limitations or packing instructions, if any, necessary to qualify the liferaft for a particular height of stowage.

(11) Changing the service of the liferaft by changing the contents of the equipment pack.

(12) Proper marking of the liferaft container, including approval number, persons' capacity, maximum height of stowage, service (equipment pack), and expiration date of servicing.

(13) A list of parts for—

(i) Survival equipment;

(ii) Compressed-gas cylinders;

(iii) Inflation valves;

(iv) Relief valves; and

(v) Repair equipment.

(14) The necessary pressures for each size of approved liferaft for conducting the "Necessary Additional Pressure" test required by § 160.151-57(k).

(b) Each revision to a servicing manual, and each bulletin, that authorizes the modification of a liferaft, or that affects the compliance of a liferaft with any requirement under this subpart, must be submitted to and approved by the Commandant. Other revisions and bulletins need not be approved, but a copy of each must be submitted to the Commandant when issued.

(c) Each manual provided under this section must bear the original signa-

ture of a representative of the manufacturer attesting that it is a true copy of the manual approved by the Commandant.

§ 160.151-39 Training of servicing technicians.

(a) The training program for certification of servicing technicians must include—

(1) Training and practice in packing an inflatable liferaft, repairing buoyancy tubes, repairing inflation-system valves, and other inspections and operations described in the approved servicing manual;

(2) An evaluation at the end of the training to determine whether each trainee has successfully completed the training; and

(3) Issuance of a certificate of competence to each technician who successfully completes the training.

(b) The manufacturer shall maintain refresher training for recertification of previously trained servicing technicians. This training must include—

(1) Checking the performance of the technicians in the inspections and operations described in the manual;

(2) Retraining of the technicians in inspections and operations for which they are deficient;

(3) Training and practice in new inspections and operations;

(4) An evaluation at the end of the training to determine whether or not each trainee has successfully completed the training; and

(5) Issuance of a certificate of competence to each technician who successfully completes the training.

(c) Each time the manufacturer holds a course for servicing technicians who will perform servicing on liferafts approved by the Coast Guard, the manufacturer shall notify the cognizant OCMI sufficiently in advance to allow, at the option of the OCMI, for a Coast Guard inspector or inspectors to travel to the site where the training is to occur.

§ 160.151-41 Approval of servicing facilities.

(a) To obtain and maintain Coast Guard approval as an "approved servicing facility" for a particular manufacturer's inflatable liferafts, a facility

must meet the requirements, and follow the procedures, of this section.

(b) The owner or operator of a servicing facility desiring Coast Guard approval shall apply to the cognizant OCMI. The application must include—

(1) The name and address of the facility;

(2) The name(s) of its competent servicing technician(s);

(3) Identification of the manufacturer(s) of the liferafts the facility will service; and

(4) Any limits or special conditions that should apply to the approval of the facility.

(c) The owner or operator of the servicing facility shall arrange for an inspection with the OCMI to whom the owner or operator applied under paragraph (b) of this section. A currently trained servicing technician shall successfully demonstrate the complete service to each make and type of liferaft for which approval as a servicing facility is sought, in the presence of a Coast Guard inspector or of a third-party inspector accepted by the OCMI, or such technician shall present evidence of having performed such service at the time of initial or refresher training. The service must include:

(1) Removing the liferaft from the container for testing without damaging the liferaft or its contents;

(2) Examining the liferaft and its container for damage and wear;

(3) Determining the need for repairs;

(4) Determining whether equipment must be replaced;

(5) Conducting the tests required by § 160.151-57;

(6) Repacking the liferaft;

(7) Inflating the fully packed liferaft using its inflation mechanism; and

(8) Repairing a leak in a main buoyancy chamber, and subjecting the repaired chamber to the Necessary Additional Pressure test described in § 160.151-57(k). This repair may be done on a liferaft that actually needs it, on one condemned, or on an inflatable chamber fabricated of liferaft material specifically for this purpose. (An otherwise serviceable liferaft should not be damaged for this purpose.)

(d) Whenever servicing of liferafts takes place, each servicing facility must allow Coast Guard inspectors or

third-party inspectors accepted by the OCMI access to the place where the servicing occurs.

(e) Each servicing facility must employ at least one servicing technician who has successfully completed the manufacturer's training described in § 160.151-39 (a) or (b), including training in the servicing of davit-launched liferafts if the facility will service these. The training must have been completed within the preceding—

(1) 12 months for the facility to obtain its approval to service the liferafts of a particular manufacturer; or

(2) 36 months for the facility to retain approval to service the liferafts of a particular manufacturer.

§ 160.151-43 Conditions at servicing facilities.

(a) Each facility must maintain a room to service inflatable liferafts that—

(1) Is clean;

(2) Is fully enclosed;

(3) Has enough space to service the number of liferafts likely to be present for service at one time;

(4) Has a ceiling high enough to hold and allow overturning of a fully inflated liferaft of the largest size to be serviced, or is furnished with an equally efficient means to facilitate the inspection of bottom seams;

(5) Has a smooth floor that will not damage a liferaft, can be easily cleaned, and is kept clean and free from oil, grease, and abrasive material;

(6) Is well lit but free from direct sunlight;

(7) Is arranged to maintain an even temperature and low humidity in each area where liferafts are pressure tested, including by mechanical air-conditioning equipment in climates where it is necessary;

(8) Is arranged so that stored liferafts are not subjected to excessive loads and, if stacked one directly on top of another, does not have them stacked more than two liferafts high;

(9) Is efficiently ventilated but free of drafts; and

(10) Is a designated no-smoking area.

(b) In addition to the room required by paragraph (a) of this section, each facility must maintain areas or rooms